

## County College of Morris

### I. Major capital projects.

#### 1. Capital projects underway in FY2010:

- Construction continues on the Landscape & Horticultural Technology LEED Certified Building, and the College anticipates the project being complete during the fall semester of 2011. The College is expecting the building to receive a LEED Gold or Silver rating. The building will utilize photovoltaic panels on the southern facing sloped metal roofs to provide a significant portion of the electricity required to operate the building. The flat sections of the roof will be vegetated to decrease stormwater run-off and reduce the “heat island” affect caused by most buildings. The building’s HVAC system will utilize a geothermal system to minimize both the heating and cooling energy usage throughout the year. Even the rainwater from the roof will be collected and stored in two cisterns and used as irrigation water for the two existing greenhouses. The building will utilize other “green” features that are already used in many construction projects throughout the campus such as high post consumer recycled content in the building materials, energy efficient lighting, occupancy sensors, and low water consumption plumbing fixtures. A “Green Dashboard” located in the building will allow occupants to visually see the energy consumption (and savings) of the systems, lighting, and photovoltaic panels.
- Renovation of the 1<sup>st</sup> and 3<sup>rd</sup> floor corridors and the restrooms of Sheffield & Emeriti Halls.
- The exterior and interior lighting upgrade/replacement projects. The new fixtures will improve the energy efficiency of the College’s lighting system.